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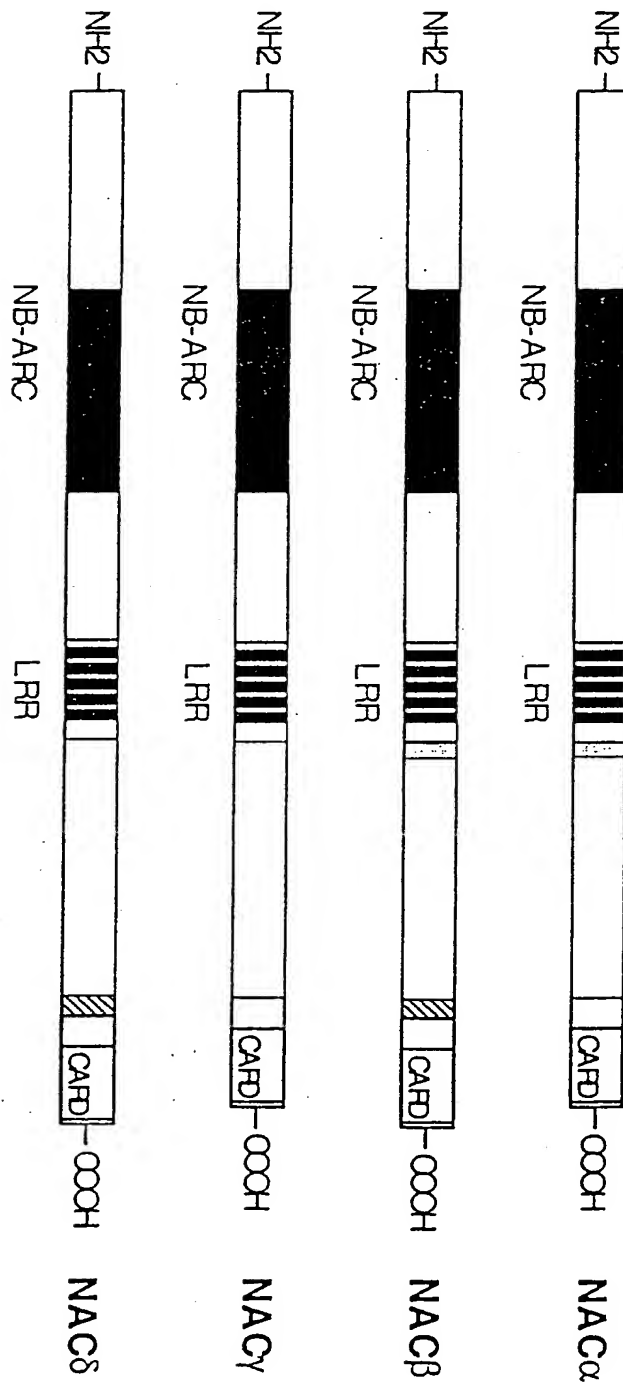
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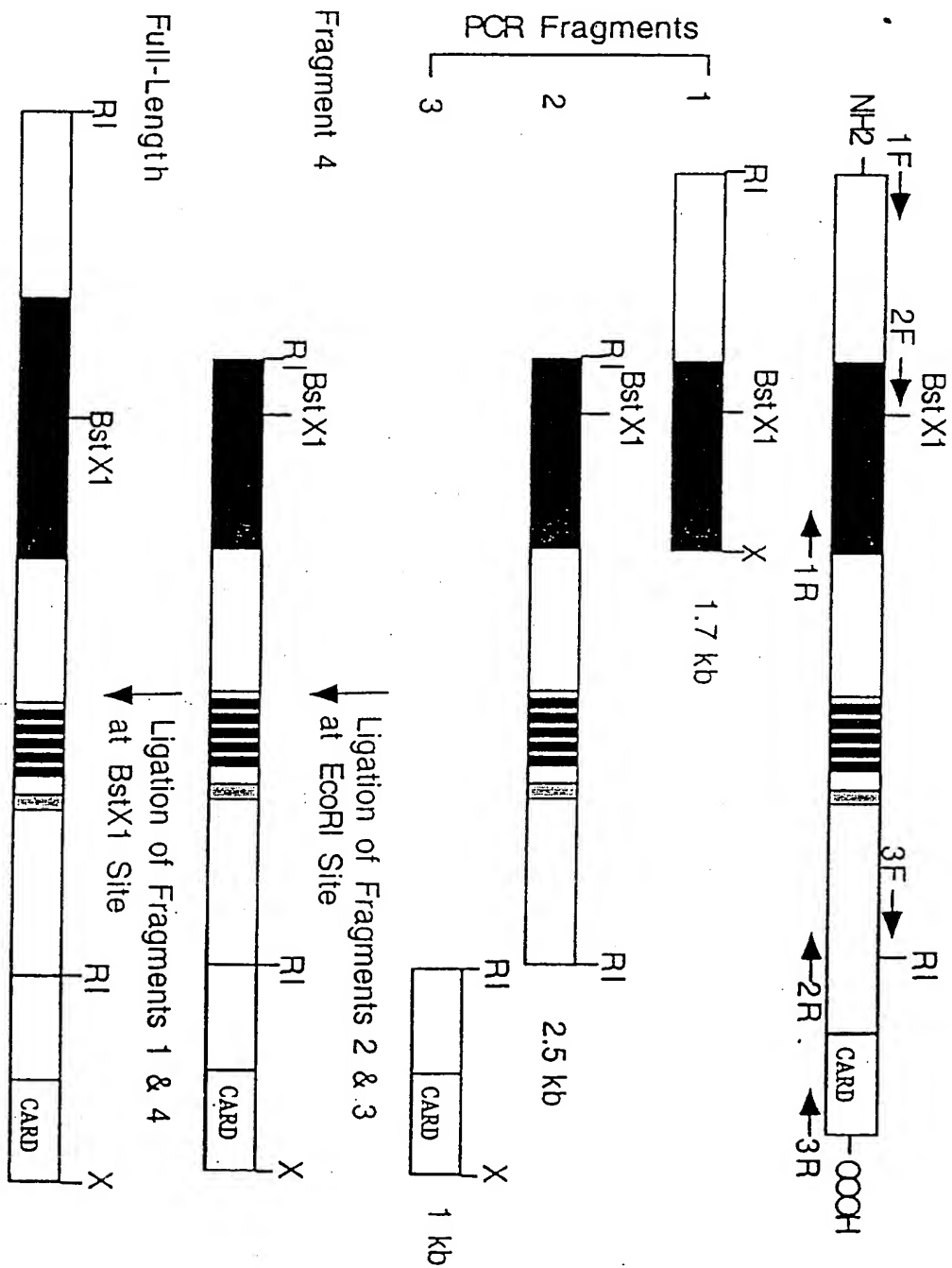
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FIGURE 1D

NAC (329-547)
 CARD4 (197-408)
 Apaf-1 (138-352)
 CED4 (154-374)

NAC (329-547)
 CARD4 (197-408)
 Apaf-1 (138-352)
 CED4 (154-374)

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 Apaf-1 (138-352)
 CED4 (154-374)

NAC (329-547)
 CARD4 (197-408)
 Apaf-1 (138-352)
 CED4 (154-374)

FIGURE 1E

NAC-CARD
 Apaf-1
 CARD4
 CED4
 CED3
 hRALD
 hCaspase-2
 hCaspase-9

P-loop (Walker A)

Walker B

IYVIGAGNGTSGKSLAPQVKEA MGRGOL YCDRQHVFYS-----GTELA---Q-SKVYSIAETIGTO
 TIEYU GDAQYKSLTORLOSLMATGRDAVKK--FEHR-----GVFSCKE-SPTCLDITLKH
 WLVTHGMGCCKSVLAAB--VARDHGLE-CDFPGYHNVSVGKDKSGLYKQONCTRPDDESSOR
 FTEHGRGSGKSVLASQ--LSKSDQIT-GINYSDEVALKDSGTAPKSTFDLEITDILMKSEDDI-LN
 ---GIATPAPITQIT-----SR-PERLLEPTIDGV-DE--PGNVLQEPSSSEL QLHWSQOPADANLSITGK
 YCYPERDPEEVAFU-----LRFPAVATFEDGL-DEHSDLDLSRVPSSG-PWEPAHL-VLAINLISG
 LPLNTEERKDRPILM-----LRKHPSTLIDPVDG-----VWKAPDSQ-SQITLVRDKSVINDSVGPP
 FPSVGHVTSVVKRQICNALIDRPNTSYVDNVQDETIRDA-DELRRL-3--LVVRDVEISNMAQTC
 TIDPESPTLVAN-----TIDQNLPSLEQARWVEVLGFSSESRKEFTYRY-ETDE
 KLKGGASKLVMH-----IGIE--MROFLRKVLIERGSPSHLRARRM-PPER
 YVYVPESSLSKXGLEISLFL-VNKKADLPKQJ-HSILKECKGSP--LVSLIGHLRQDPNIMWZYTK
 EEPYV-ITSEIDECYDFEAYGMPFVGEKEEDYLNKTIELSSNPATLMFESCEPITVEQAQQLN-N
 ROATRAFRVKSKEIMATCLVPNVSILACTCLWQMKRK
 ALQDRLSOLBANPNLCSLCSVLPFCILIERQOHRAAF
 QLOKQOFKRIKSSSY-----DYENLDEA
 KLESRGTBGBICITPY-----SYKSL

H1

H2

H3

H4

H5

H5

FIGURE 2A

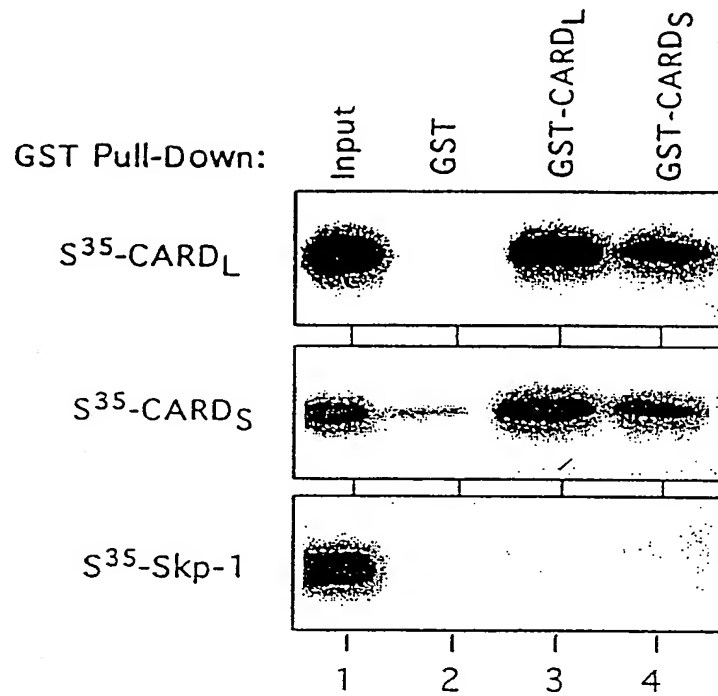
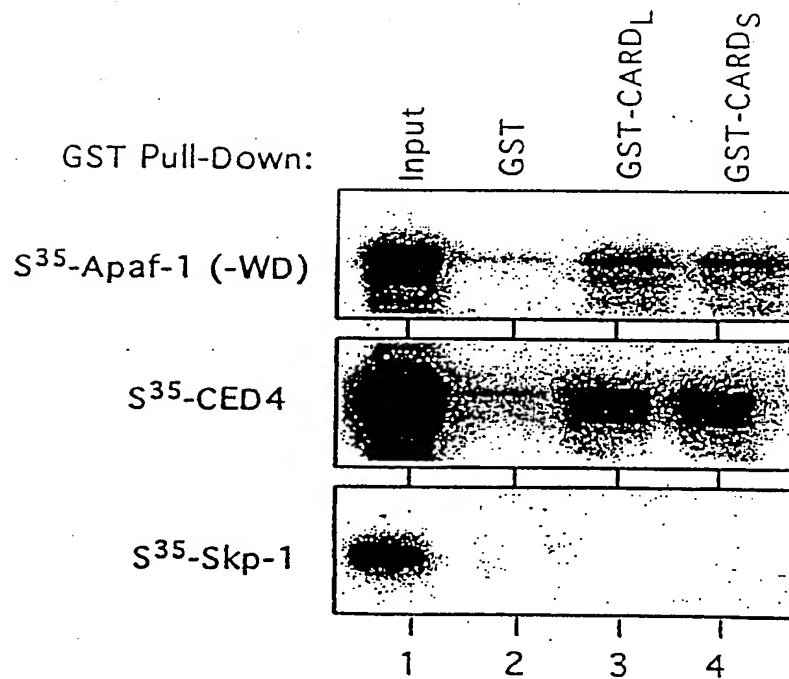


FIGURE 2B



LexA	B42	Leu+	Leu-	LacZ
NAC-CARD	Casp-9 (CARD) Casp-8 (Pro) Apaf-1 (-WD) Bcl-XL (-TM) Bcl-2 (-TM) Bax (-TM) vRas			++ +/- ++ +/- +/- - -
Casp-9 (CARD)	NAC-CARD Apaf-1 (-WD) vRas			++ ++ -
Casp-8 (Pro)	NAC-CARD FADD vRas			++++ -
Apaf-1 (-WD)	NAC-CARD Casp-9 (CARD) vRas			+ ++++ -
Bcl-XL (-TM)	NAC-CARD Bcl-XL (-TM) Apaf-1 (-WD) vRas			+++ +++ +++ -
Bax	NAC-CARD Bax (-TM) Bcl-2 (-TM) vRas			+/- ++++ +
Bcl-2 (-TM)	NAC-CARD Bcl-2 (-TM) Bax (-TM) vRas			++ +++ +++ -

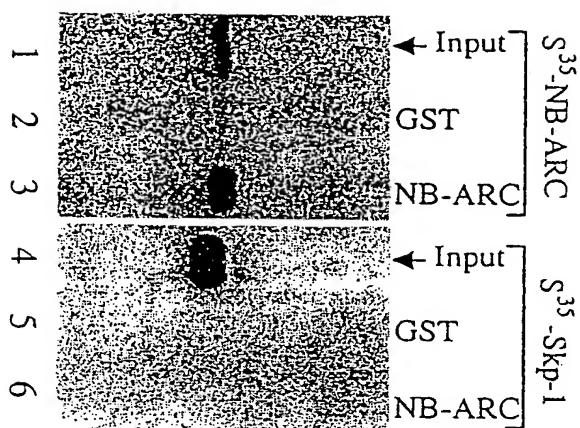


FIGURE 5A

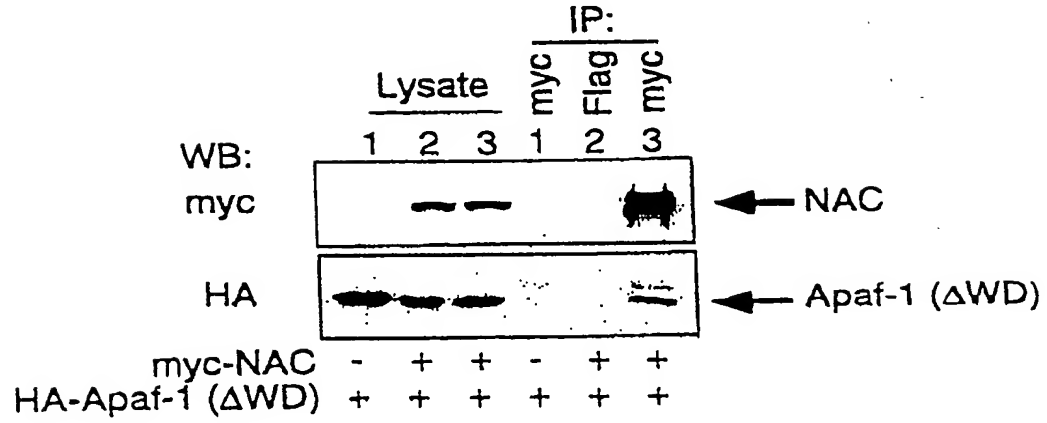


FIGURE 5B

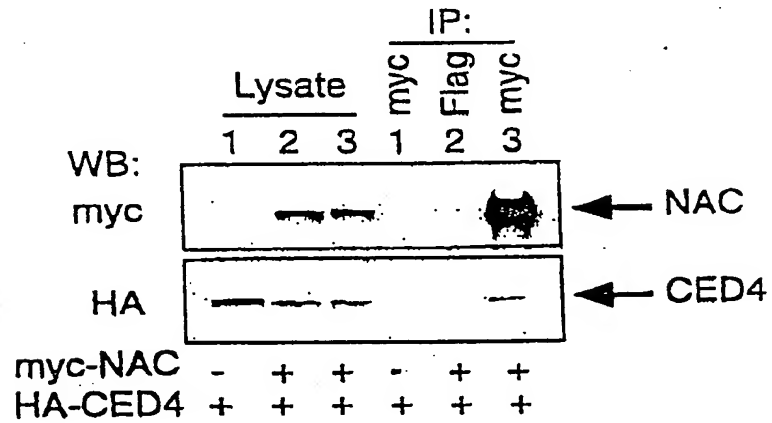


FIGURE 6A

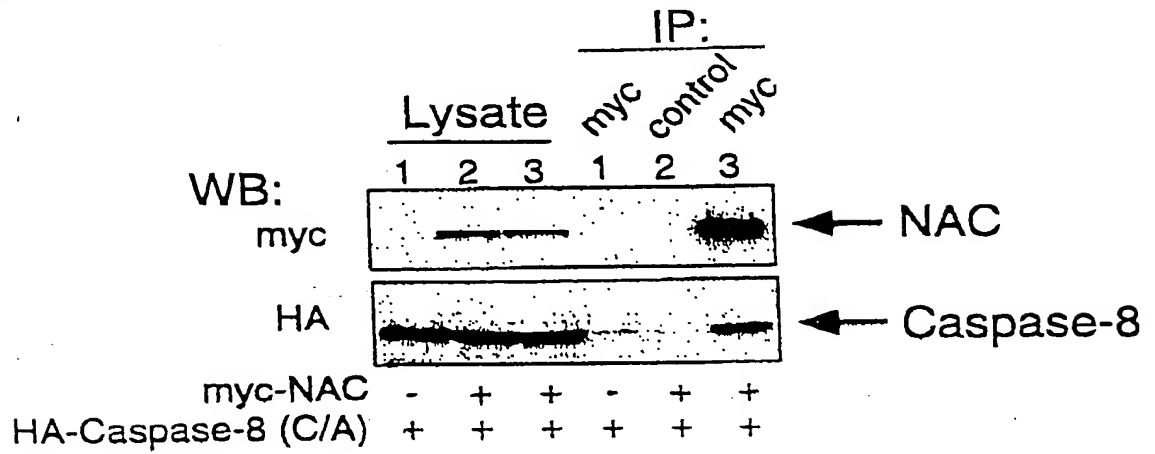


FIGURE 6B

